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Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on Friday, November 4, 2005.

Man Adeli

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Adriana Dumitras

Serial No.: 10/614,929

Filing Date: 07/07/2003

For: METHOD AND APPARATUS FOR
IMPROVED CODING MODE
SELECTION

Examiner: Y. Young Lee

Group Art Unit: 2613

TRANSMITTAL LETTER FOR INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The following IDS is being submitted for Serial No. 10/614,929. Attached please find:

1. Information Disclosure Statement;
2. Form PTO-1449;
3. Credit Card Payment Form;
4. (7) Cited References; and
5. A Return Receipt Post Card

The fee has been calculated as follows:

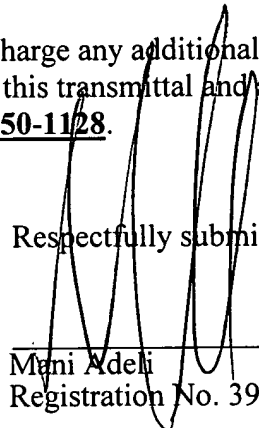
FOR	NUMBER	NUMBER OVER ALLOTMENT	RATE	CALCULATIONS
Information Disclosure Statement under C.F.R. § 1.97(b)	0	0	\$0	\$0
Fees for an IDS under C.F.R. § 1.97(c) or (d)	1	1	\$180.00	\$180.00
Total from Above				\$180.00
Reduction by 1/2 for filing by small entity (Note 37 C.F.R. §§ 1.9, 1.27, 1.28). The Applicant hereby states that it qualifies as a small entity under 37 CFR 1.27				\$0.00
				TOTAL = \$180.00

The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. §§ 1.16 and 1.17 that may be required by this transmittal and associated documents, or to credit any overpayment to **Deposit Account No. 50-1128**.

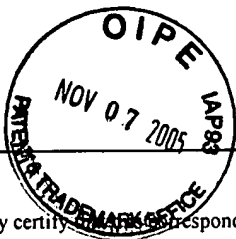
Respectfully submitted,

Dated: November 4, 2005

By:


Mani Adeli
Registration No. 39,585

Stattler, Johansen & Adeli LLP,
1875 Century Park East, Suite 1050
Century City, California 90067
Phone: (310) 785-0140, ext. 301
Fax: (310) 785-9558



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Mari Adell

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Examiner: Y. Young Lee

Group Art Unit: 2613

**INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, applicants submit with this Information Disclosure Statement the attached Form PTO-1449, and copies of the documents listed in the 1449 form for consideration by the Examiner. The Examiner is requested to make these documents of record. Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

This Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the

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Serial No. 10/614,929
Docket No. APLE.P0040
Client Docket No. P3093US1

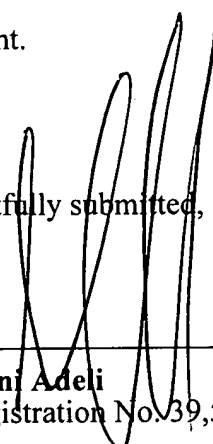
like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

This Information Disclosure Statement is submitted: After the mailing of a first Office Action on the merits but before the mailing of a final Office Action or Notice of Allowance. Accordingly, a fee is required. A fee in the amount of \$180 is enclosed.

However, in the unlikely event that the Patent Office determines that additional fees, extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 50-1128** referencing APLE.P0040. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

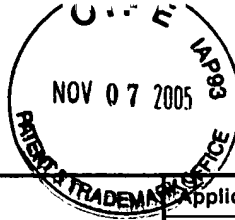
Dated: November 4, 2005

Respectfully submitted,

By: 
Mani Adeli
Registration No. 39,585

Stattler, Johansen & Adeli LLP
1875 Century Park East, Suite 1050
Century City, California 90067-2337
Telephone: (310) 785-0140 x301
Fax: (310) 785-9558

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PTO/SB/08A (08-00) - MODIFIED
Approved for use through 10/31/2002. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/614,929
				Filing Date	07/07/2003
				First Named Inventor	Adriana Dumitras
				Group Art Unit	2613
				Examiner Name	Lee, Y. Young
SHEET	1	OF	3	Attorney Docket Number	APLE.P0040

U.S. PATENT DOCUMENTS						
Examiner* Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	1.	5,691,770		Keesman, et al.	11-25-1997	
	2.	5,790,131	A	Liang, et al.	08-04-1998	
	3.	5,872,598	A	Legall, et al.	02-16-1999	
	4.	5,923,376	A	Pullen, et al.	07-13-1999	
	5.	6,111,991		Ribas-Corbera, et al.	08-29-2000	
	6.	6,414,992		Sriram, et al.	07-02-2002	
	7.	5,867,221	A	Pullen, et al.	02-02-1999	According to International Search Report, dated 03-12-2004 (item 9 in this form 1449A/PTO), this document US 5867221 is a counterpart and is believed to be cumulative to US 5923376 (item 4 on this form 1449A/PTO).

RELATED U.S. PATENT DOCUMENTS						
Examiner * Initials	Cite No. ¹	U.S. Patent Document		Date of filing MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Related Application Data
		Number				
	8.	US 2004/0184546	A1	07-07-2003	Haskell	This reference is a related application.

FOREIGN PATENT DOCUMENTS								
Examiner* Initials	Cite No. ¹	Foreign Patent Document			Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code (if known) ⁵				
	9.		International Search Report		03-12-2004	Apple Computer, Inc.	International Search Report of US 2004/0184546 A1 (item 8 in this form 1449A/PTO), which is related to the present application.	

Examiner Signature		Date Considered	
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08A (08-00) - MODIFIED
Approved for use through 10/31/2002. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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				Filing Date	07/07/2003
				First Named Inventor	Adriana Dumitras
				Group Art Unit	2613
				Examiner Name	Lee, Y. Young
SHEET	2	OF	3	Attorney Docket Number	APLE.P0040

FOREIGN PATENT DOCUMENTS							
	10.	AU	3208897	A	12-05-1997	Iterated Systems, Inc.	According to International Search Report, dated 03-12-2004 (item 9 in this form 1449A/PTO), this document AU 3208897 is a counterpart and is believed to be cumulative to US 5790131(item 2 on this form 1449A/PTO). No copy of this document is attached pursuant to CFR § 1.98(c).
	11.	WO	9743860	A1	11-20-1997	Iterated Systems, Inc.	According to International Search Report, dated 03-12-2004 (item 9 in this form 1449A/PTO), this document WO 9743860 is a counterpart and is believed to be cumulative to US 5790131(item 2 on this form 1449A/PTO). No copy of this document is attached pursuant to CFR § 1.98(c).
	12.	AU	2597697	A	10-22-1997	Iterated Systems, Inc.	According to International Search Report, dated 03-12-2004 (item 9 in this form 1449A/PTO), this document AU 2597697 is a counterpart and is believed to be cumulative to US 5923376 (item 4 on this form 1449A/PTO). No copy of this document is attached pursuant to CFR § 1.98(c).
	13.	EP	0890265	A1	01-13-1999	Iterated Systems, Inc.	According to International Search Report, dated 03-12-2004 (item 9 in this form 1449A/PTO), this

Examiner Signature		Date Considered	
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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				Examiner Name	Lee, Y. Young
SHEET	3	OF	3	Attorney Docket Number	APLE.P0040

FOREIGN PATENT DOCUMENTS							
							document EP 0890265 is a counterpart and is believed to be cumulative to US 5923376 (item 4 on this form 1449A/PTO). No copy of this document is attached pursuant to CFR § 1.98(c).
	14.	WO	9737495	A1	10-09-1997	Iterated Systems, Inc.	According to International Search Report, dated 03-12-2004 (item 9 in this form 1449A/PTO), this document WO 9737495 is a counterpart and is believed to be cumulative to US 5923376 (item 4 on this form 1449A/PTO). No copy of this document is attached pursuant to CFR § 1.98(c).

NON PATENT LITERATURE DOCUMENTS					
Examiner* Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ⁶
	15.	JINHO CHOI, et al., "A Stable Feedback Control of the Buffer State Using the Controlled Lagrange Multiplier Method," IEEE Transactions on Image Processing, September 1, 1994, pp. 546-558, vol. 3 no. 5, IEEE Inc. New York, US.			
	16.	LEE W. Y., et al., "Fast Algorithm for Optimal Bit Allocation in a Rate-Distortion Sense" <i>Electronics Letters</i> , September 26, 1996, pp. 1871-1873, vol. 32 no. 20, Stevenage, Herts, GB.			
	17.	YANG Y., et al. "Rate-Distortion Optimizations for Region and Object Based Wavelet Video Coding" <i>Conference Record of the 34th Asilomar Conference on Signals, Systems, & Computers</i> , October 29, 2000, pp. 1363-68, vol. 2 of 2. conf. 34, IEEE, New York, NY, US.			
	18.	ANTONIO ORTEGA and KANNAN RAMCHANDRAN, "Rate-Distortion Methods for Image and Video Compression," IEEE Signal Processing Magazine, pp. 23-50, Nov. 1998.			
	19.	GARY J. SULLIVAN and THOMAS WIEGAND, "Rate-Distortion Optimization for Video Compression," IEEE Signal Processing Magazine, vol. 15 no.6, pp. 74-90, Nov. 1998.			

Examiner Signature		Date Considered	
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